

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number:

10/577,302

Source:

IFWP

Date Processed by STIC:

1/19/07

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 01/19/2007

PATENT APPLICATION: US/10/577,302

TIME: 09:52:33

Input Set : A:\P29879US.APP

Output Set: N:\CRF4\01192007\J577302.raw

3 <110> APPLICANT: YOSHIMOTO, MAKOTO
 4 WAKAMATSU, MASAKI
 5 ISHII, AIKO
 7 <120> TITLE OF INVENTION: TRANSGENIC NON-HUMAN MAMMAL
 9 <130> FILE REFERENCE: P29879
 11 <140> CURRENT APPLICATION NUMBER: 10/577,302
 C--> 12 <141> **CURRENT FILING DATE: 2006-04-28**
 14 <150> PRIOR APPLICATION NUMBER: PCT/JP04/016373
 15 <151> PRIOR FILING DATE: 2004-10-28
 17 <150> PRIOR APPLICATION NUMBER: JP 2003-370507
 18 <151> PRIOR FILING DATE: 2003-10-30
 20 <150> PRIOR APPLICATION NUMBER: JP 2004-082637
 21 <151> PRIOR FILING DATE: 2004-03-22
 23 <160> NUMBER OF SEQ ID NOS: 16
 25 <170> SOFTWARE: PatentIn Ver. 3.3
 27 <210> SEQ ID NO: 1
 28 <211> LENGTH: 26
 29 <212> TYPE: DNA
 30 <213> ORGANISM: Artificial Sequence
 32 <220> FEATURE:
 33 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 34 oligonucleotide
 36 <400> SEQUENCE: 1
 37 ggaattcatt agccatggat gtattc 26
 40 <210> SEQ ID NO: 2
 41 <211> LENGTH: 26
 42 <212> TYPE: DNA
 43 <213> ORGANISM: Artificial Sequence
 45 <220> FEATURE:
 46 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 47 oligonucleotide
 49 <400> SEQUENCE: 2
 50 agccacttaa ggaaccagtg catacc 26
 53 <210> SEQ ID NO: 3
 54 <211> LENGTH: 25
 55 <212> TYPE: DNA
 56 <213> ORGANISM: Artificial Sequence
 58 <220> FEATURE:
 59 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 60 oligonucleotide
 62 <400> SEQUENCE: 3
 63 agctctaata cgactcacta taggg 25
 66 <210> SEQ ID NO: 4

RAW SEQUENCE LISTING

DATE: 01/19/2007

PATENT APPLICATION: US/10/577,302

TIME: 09:52:33

Input Set : A:\P29879US.APP

Output Set: N:\CRF4\01192007\J577302.raw

```

67 <211> LENGTH: 23
68 <212> TYPE: DNA
69 <213> ORGANISM: Artificial Sequence
71 <220> FEATURE:
72 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
73     oligonucleotide
75 <400> SEQUENCE: 4
76 cagccactgt tgccacacca tgc                23
79 <210> SEQ ID NO: 5
80 <211> LENGTH: 24
81 <212> TYPE: DNA
82 <213> ORGANISM: Artificial Sequence
84 <220> FEATURE:
85 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
86     oligonucleotide
88 <400> SEQUENCE: 5
89 agggttttcc cagtcacgac gttg                24
92 <210> SEQ ID NO: 6
93 <211> LENGTH: 23
94 <212> TYPE: DNA
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
99     oligonucleotide
101 <400> SEQUENCE: 6
102 gcatggtgtg gcaacagtgg ctg                23
105 <210> SEQ ID NO: 7
106 <211> LENGTH: 27
107 <212> TYPE: DNA
108 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
111 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
112     oligonucleotide
114 <400> SEQUENCE: 7
115 tagccttaag ttactcagaa ggcattt            27
118 <210> SEQ ID NO: 8
119 <211> LENGTH: 20
120 <212> TYPE: DNA
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
125     oligonucleotide
127 <400> SEQUENCE: 8
128 gtggctgctg ctgagaaaac                    20
131 <210> SEQ ID NO: 9
132 <211> LENGTH: 20
133 <212> TYPE: DNA
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:

```

RAW SEQUENCE LISTING

DATE: 01/19/2007

PATENT APPLICATION: US/10/577,302

TIME: 09:52:33

Input Set : A:\P29879US.APP

Output Set: N:\CRF4\01192007\J577302.raw

```

137 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
138     oligonucleotide
140 <400> SEQUENCE: 9
141 gtggggctcc ttcttcattc                                20
144 <210> SEQ ID NO: 10
145 <211> LENGTH: 30
146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
151     oligonucleotide
153 <400> SEQUENCE: 10
154 aggactgggt ggcttccaac tcccagacac                        30
157 <210> SEQ ID NO: 11
158 <211> LENGTH: 30
159 <212> TYPE: DNA
160 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
164     oligonucleotide
166 <400> SEQUENCE: 11
167 agcttctcat tgctgcgcgc caggttcagg                        30
170 <210> SEQ ID NO: 12
171 <211> LENGTH: 20
172 <212> TYPE: DNA
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
177     oligonucleotide
179 <400> SEQUENCE: 12
180 gtggctgctg ctgagaaaac                                20
183 <210> SEQ ID NO: 13
184 <211> LENGTH: 20
185 <212> TYPE: DNA
186 <213> ORGANISM: Artificial Sequence
188 <220> FEATURE:
189 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
190     oligonucleotide
192 <400> SEQUENCE: 13
193 gtggggctcc ttcttcattc                                20
196 <210> SEQ ID NO: 14
197 <211> LENGTH: 22
198 <212> TYPE: DNA
199 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
203     oligonucleotide
205 <400> SEQUENCE: 14
206 tgtgatggtg ggaatgggtc ag                                22

```

RAW SEQUENCE LISTING

DATE: 01/19/2007

PATENT APPLICATION: US/10/577,302

TIME: 09:52:33

Input Set : A:\P29879US.APP

Output Set: N:\CRF4\01192007\J577302.raw

```

209 <210> SEQ ID NO: 15
210 <211> LENGTH: 22
211 <212> TYPE: DNA
212 <213> ORGANISM: Artificial Sequence
214 <220> FEATURE:
215 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
216     oligonucleotide
218 <400> SEQUENCE: 15
219 tttgatgtca cgcaccattt cc                                22
222 <210> SEQ ID NO: 16
223 <211> LENGTH: 140
224 <212> TYPE: PRT
225 <213> ORGANISM: Homo sapiens
227 <400> SEQUENCE: 16
228 Met Asp Val Phe Met Lys Gly Leu Ser Lys Ala Lys Glu Gly Val Val
229   1           5           10           15
231 Ala Ala Ala Glu Lys Thr Lys Gln Gly Val Ala Glu Ala Ala Gly Lys
232           20           25           30
234 Thr Lys Glu Gly Val Leu Tyr Val Gly Ser Lys Thr Lys Glu Gly Val
235           35           40           45
237 Val His Gly Val Ala Thr Val Ala Glu Lys Thr Lys Glu Gln Val Thr
238           50           55           60
240 Asn Val Gly Gly Ala Val Val Thr Gly Val Thr Ala Val Ala Gln Lys
241  65           70           75           80
243 Thr Val Glu Gly Ala Gly Ser Ile Ala Ala Ala Thr Gly Phe Val Lys
244           85           90           95
246 Lys Asp Gln Leu Gly Lys Asn Glu Glu Gly Ala Pro Gln Glu Gly Ile
247           100          105          110
249 Leu Glu Asp Met Pro Val Asp Pro Asp Asn Glu Ala Tyr Glu Met Pro
250           115          120          125
252 Ser Glu Glu Gly Tyr Gln Asp Tyr Glu Pro Glu Ala
253           130          135          140

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/577,302

DATE: 01/19/2007

TIME: 09:52:34

Input Set : A:\P29879US.APP

Output Set: N:\CRF4\01192007\J577302.raw

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date